UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

38834

7590

11/13/2006

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 CONNECTICUT AVENUE, NW SUITE 700 WASHINGTON, DC 20036

EXAMINER					
CHEN, JACK S J					
ART UNIT	PAPER NUMBER				

DATE MAILED: 11/13/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/774 496	02/10/2004	Vachibica Iba	042075	8914

TITLE OF INVENTION: METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE SUITABLE FOR THE FORMATION OF A WIRING LAYER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/13/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE

Commissioner for Patents
P.O. Box 1450

Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

annronriate All further i	correspondence including below or directed other	no the Patent advance of	rders and notification o	it maintenance tees v	vili ne ma	illea to the current o	ould be completed where correspondence address as rate "FEE ADDRESS" for
		lock 1 for any change of address)	I	ee(c) Transmittal Th	is certifica il paper, si	ate cannot be used fouch as an assignmen	domestic mailings of the or any other accompanying at or formal drawing, must
38834	7590 11/13	3/2006	·			f Mailing or Transn	niccion
1250 CONNECT SUITE 700	CICUT AVENUE, 1	NIELS & ADRIA NW	N, LLP	hereby certify that tates Postal Service v ddressed to the Mai ansmitted to the USP	nis Fee(s) with suffic I Stop IS: TO (571)	Transmittal is being sient postage for first SUE FEE address 273-2885, on the da	deposited with the United t class mail in an envelope above, or being facsimile tte indicated below.
WASHINGTON	, DC 20030						(Depositor's name)
							(Signature)
			L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR	ATTORN	NEY DOCKET NO.	CONFIRMATION NO.
10/774,496	. 02/10/2004		Yoshihisa Iba		1	042075	8914
TITLE OF INVENTION LAYER	: METHOD FOR MA	NUFACTURING A SEM	IICONDUCTOR DEV	CE SUITABLE FOR	R THE FO	DRMATION OF A	WIRING
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	JE PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	02/13/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS	7			
CHEN, J.	ACK S J	2813	438-622000	. 			
Address form PTO/SE "Fee Address" indi	ondence address (or Cha 3/122) attached. ication (or "Fee Address	ange of Correspondence	(1) the names of up or agents OR, altern (2) the name of a street stered attorney	ngle firm (having as a or agent) and the nam attorneys or agents. If	nt attorney a member nes of up t	a 2	
PLEASE NOTE: Lini	ess an assignee is ident in 37 CFR 3.11. Com	A TO BE PRINTED ON tified below, no assignee pletion of this form is NO	data will appear on th	e patent. If an assigr an assignment.			ocument has been filed for
Please check the appropr	iate assignee category of	r categories (will not be p	rinted on the patent):	☐ Individual ☐ C	orporation	or other private gro	oup entity Government
	are submitted: To small entity discount To Copies	permitted)	b. Payment of Fee(s): (I	d. card. Form PTO-2038	8 is attach	ned.	shown above) ficiency, or credit any n extra copy of this form).
5. Change in Entity Sta	•						
	s SMALL ENTITY stat		b. Applicant is no	-			
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if rec records of the United St	quired) will not be accepte ates Patent and Trademarl	d from anyone other the Office.	an the applicant; a reg	istered att	orney or agent; or th	e assignee or other party in
Authorized Signature				Date			·
				Registration l	No		
This collection of inform an application. Confiden submitting the complete	ation is required by 37 (tiality is governed by 33 displication form to the	CFR 1.311. The informati 5 U.S.C. 122 and 37 CFR be USPTO. Time will var	on is required to obtain 1.14. This collection is y depending upon the i	or retain a benefit by estimated to take 12 idividual case. Any c	the public minutes to omments	which is to file (and o complete, including on the amount of tir	by the USPTO to process) g gathering, preparing, and ne you require to complete

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandra, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/774,496	02/10/2004	Yoshihisa Iba	042075	8914	
38834	7590 11/13/2006		EXAM	INER	
	N, HATTORI, DANIEI	CHEN, JACK S J			
	TICUT AVENUE, NW	, — — — — — — — — — — — — — — — — — — —	ART UNIT	PAPER NUMBER	
SUITE 700 WASHINGTO	N, DC 20036		2813 DATE MAILED: 11/13/2000	6	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 171 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 171 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.